

ABSTRACT

A pixel circuit, a display device, and a method of driving a pixel circuit able to obtain a source-follower output without luminance deterioration even when the current-voltage characteristic of a light emitting element changes due to aging, making a source-follower circuit of n-channel transistors possible, and in addition able to display uniform and high quality images not without regard to variations of threshold values and mobilities of the active elements inside pixels, wherein a capacitor C111 is connected between a gate and a source of a TFT 111, the source side of the TFT 111 is connected to a fixed potential (GND) through a TFT 114, a predetermined reference current I_{ref} is supplied to the source of the TFT 111 with a predetermined timing, a voltage corresponding to the reference current I_{ref} is held, and an input signal voltage centered about the voltage is coupled, whereby an EL light emitting element 19 is driven centered about the center value of variation of the mobilities.